

11/04/99
JESSIE U.S. PAT

A
1C690 U.S. PRO
11/04/99

UTILITY PATENT APPLICATION TRANSMITTAL
(only for new and continuation-in-part
nonprovisional applications under 37 CFR
1.53(b))

Docket No.:
P-IX 3458

Address to: ASSISTANT COMMISSIONER FOR
PATENTS

Box Patent Application
Washington, D.C. 20231

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

"EXPRESS MAIL" MAILING LABEL NUMBER: EL 454 953 261 US

DATE OF DEPOSIT: November 4, 1999

I HEREBY CERTIFY THAT THIS PAPER OR FEE IS BEING
DEPOSITED WITH THE UNITED STATES POSTAL SERVICE
"EXPRESS MAIL POST OFFICE TO ADDRESSEE" SERVICE UNDER
37 C.F.R. 1.10 ON THE DATE INDICATED ABOVE, AND IS
ADDRESSED TO: THE ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231.

Steven Huse

(TYPED OR PRINTED NAME OR PERSON MAILING PAPER OR FEE)

Steven Huse

(SIGNATURE OF PERSON MAILING PAPER OR FEE)

This is a request for filing a
X new utility patent application under 37 CFR 1.53(b)(1).

 continuation-in-part under CFR 1.53(b)(2) of prior
application serial no. _____, filed _____
(list entire parentage).

Title: METHODS OF OPTIMIZING ANTIBODY VARIABLE REGION BINDING
AFFINITY

Inventor(s) (full name of each inventor): William D. Huse, Jeffry D.
Watkins and Herren Wu

Enclosed are:

- Return receipt postcard
- Initial Information Data Sheet
- 1 Page application cover sheet
- 72 Pages of specification (includes claims and abstract)
- 4 Sheets of drawing(s)
- Pages of an executed Declaration for Patent Application
- An executed Power of Attorney for Patent Application by
Assignee
- Paper copy of sequence listing, pages _____ through _____
Sequence listing in computer readable form
- Statement Under 37 CFR 1.821(f)
- An executed assignment and cover sheet
- An executed Statement Under 37 CFR 3.73(b)
- An executed small entity statement
- Also enclosed: _____

Inventors: Huse et al.
Docket No.: P-IX 3458
Page 2

- ____ This application is based on prior foreign application(s) No. (s) _____, filed in _____ on _____, respectively, and priority is hereby claimed therefrom.
- ____ This application is based on, and claims the benefit of, U.S. Provisional Application No. 60/_____, filed _____, and entitled _____, and which is incorporated herein by reference.
- ____ This application is based on, and claims the benefit of, U.S. Provisional Application No. 60/_____ (yet to be assigned), filed _____, which was converted from U.S. Serial No. _____, and entitled _____, and which is incorporated herein by reference.

The filing fee has been calculated as shown below:

	Number Filed	Number Extra	Rate		Fee	
			Small Entity	Other Entity	Small Entity	Other Entity
Total Claims	42-20	= 22	x \$9	\$18	= \$	\$
Independent Claims	4-3	= 1	x \$39	\$78	= \$	\$
Multiple Dependent Claims Presented: Yes <input checked="" type="checkbox"/> No			\$130	\$260	\$	\$
BASIC FEE					\$380	\$760
TOTAL FEE					\$	\$

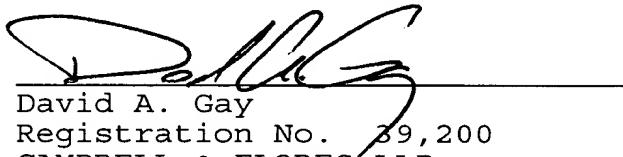
- ____ A check in the amount of \$ _____ to cover the filing fee is enclosed.
- The payment of the filing fee is to be deferred until the Declaration is filed. Do not charge our deposit account. A duplicate copy of this sheet is enclosed.
- ____ The Commissioner is hereby authorized to charge fees under 37 CFR 1.16 and 1.17 which may be required or credit any overpayment to Deposit Account No. _____. A duplicate copy of this sheet is enclosed.

Inventors: Huse et al.
Docket No.: P-IX 3458
Page 3

Address all future communications to:

Cathryn Campbell
CAMPBELL & FLORES LLP
4370 La Jolla Village Drive, Suite 700
San Diego, California 92122
telephone: (858) 535-9001
facsimile: (858) 535-8949

Respectfully submitted,



David A. Gay
Registration No. 39,200
CAMPBELL & FLORES LLP
4370 La Jolla Village Drive
Suite 700
San Diego, California 92122

Date: November 4, 1999

Document: Initial Information Data Sheet
Attorney Docket No: P-IX 3458

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

"EXPRESS MAIL" MAILING LABEL NUMBER: EL 454 953 261 US

DATE OF DEPOSIT: November 4, 1999

I HEREBY CERTIFY THAT THIS PAPER OR FEE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE "EXPRESS MAIL POST OFFICE TO ADDRESSEE" SERVICE UNDER 37 CFR 1.10 ON THE DATE INDICATED ABOVE AND IS ADDRESSED TO THE ASSISTANT COMMISSIONER FOR PATENTS, WASHINGTON, D.C. 20231.

Steven Hsieh

Printed Name of Person Mailing Paper or Fee

Steven Hsieh

Signature of Person Mailing Paper or Fee